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# California High-Speed Train Project



## Draft Task Order

<b>Date:</b>	November 1, 2012
<b>Local Agency:</b>	Fresno Irrigation District
<b>Agreement No:</b>	
<b>Task Order No:</b>	1
<b>Project Title:</b>	California High-Speed Rail Project
<b>Description:</b>	CHSRP Interaction Removal or Relocation Plan

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# Task Order No. 1

## GENERAL

This Task Order supplements and amends the Construction Contract and Cooperative Agreement. The purpose of this Task Order is to authorize Facility Work for FID. Each Facility that requires relocation will be handled under a separate subtask of this Task Order.

## WORK TO BE DONE

### 1 Cooperative Agreement

This Task Order is issued in order to authorize Facility Work described herein. This Task Order does not express all of the terms and conditions relevant to Facility Work; accordingly, the Cooperative Agreement and all of the provisions thereof are incorporated into this Task Order by this reference. Capitalized terms used but not identified in this Task Order shall have the definitions set forth in the Cooperative Agreement. All attachments referenced in this Task Order are incorporated herein by such reference. All Facility Work shall be performed in accordance with the requirements of the Cooperative Agreement and, in the event of any inconsistency between the provisions of this Task Order and the Cooperative Agreement, the provisions of the Cooperative Agreement shall prevail.

### 2 Scope of Work

Facility Work as defined in the definitions section of the Cooperative Agreement is incorporated by reference. Each separate Facility that requires Relocation will be treated as a subtask to this Task Order.

#### 2.1 Location and General Description of the Work Covered by this Task Order (Including Disposition of Existing Facilities):

The Authority's Contractor will furnish all labor, material, equipment and supervision required to complete the relocation of Facilities and appurtenances. All work shall be performed substantially in accordance with "Request for Proposal for Design Build Services-RFP No. 11-16 consisting of Hybrid Alternative, Contract Package 1A, Contract Package 1B and Contract Package 1C, a copy of which is on file in the Authority's office at 770 L St, Suite 800, Sacramento, CA 95814.

#### 2.2 Facility Work to be Performed by Parties Pursuant to this Task Order:

The Authority's Contractor performs all design and construction services for Facility Work. FID will review and approve Facility plans and be entitled to have a reasonable number of representatives on site of HST Project to verify that Facility Work is being properly performed by the Authority's Contractor and approve that Facility Work.



**2.2.1 Subtask 1.01**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering, removal, and disposal of the existing Herndon Canal bridge crossing. Construct a rail bridge crossing over the Herndon Canal adjacent to Barstow Ave and Golden State Blvd. Construction of rail bridge includes PC/PS box girders, concrete channel lining, rock slope protection, parapet wall barriers, CIDH concrete piles, pile caps, waterproofing membrane, drilled shafts, drains, intrusion barriers and any other facilities required to meet the intent of the basis of design. FID FACILITY WORK is shown on drawing ST-K1001-A5, ST-K1002, and ST-K1003.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$1,205,584

**2.2.2 Subtask 1.02**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering and construct a traffic bridge crossing over the Herndon Canal adjacent to Barstow Ave and Golden State Blvd. Construction of traffic bridge includes PC/PS box girders, concrete barriers, concrete channel lining, rock slope protection, structure approach slab, metal beam guard railing, abutments, CIP/PS concrete slab, ¾" polyester concrete overlay, PC/PS piles, pile caps and any other facilities required to meet the intent of the basis of design. FID FACILITY WORK is shown on drawing TT-D1002, ST-I1001, ST-I1002, ST-I1003, CV-R1007-GSB, CV-G1006-GSB, UT-C4010, and CV-G1002.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$1,094,672

**2.2.3 Subtask 1.03**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering, removal and relocation of irrigation FACILITIES at the Lisenby No 45 facility near Shaw Ave and Golden State Blvd. Irrigation FACILITIES include RGRCP ASTM C-361, casings, stand - pipes, concrete boxes, gates, metal covers, vents and other connections that are required to complete the work in accordance with FID standards. FID FACILITY WORK is shown on Drawing CV-G1009-GSB and UT-C4015.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$1,383,216

**2.2.4 Subtask 1.04**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering, removal, and relocation of irrigation FACILITIES at Cole South Branch No 40 facility near Pine Ave and Golden State Blvd in lieu of protecting in place as referenced under Utility Note 7 on Drawing UT-C4038. Irrigation FACILITIES include RGRCP ASTM C-361, stand-pipes, concrete



boxes, gates, metal covers, vents and other connections that are required to complete the work in accordance with FID standards. FID FACILITY WORK is shown on Drawing UT-C4038.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$217,710

### **2.2.5 Subtask 1.05**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering, construct a canal culvert at Dry Creek No 75 facility near H St and Hwy 180 to allow HST to go underneath this facility. Construction of canal culvert shall include shoring, separation layer, inlet, and outlet structures which include a slot for “stop planks”, access roads and any other facilities required to meet the basis of design. FID FACILITY WORK is shown on Drawing TT-D3007, TT-D1014, ST-Y3003, ST-Y1006, and CV-G1014.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$593,875

### **2.2.6 Subtask 1.06**

**Scope:** Design, secure proper permits, construct bypass facilities, traffic control, dewatering, remove and replace in-kind the culvert at intersection of Thorne Ave and Divisidero Street. FID FACILITY WORK is shown on Drawing CV-R1001-THN

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$483,421

### **2.2.7 Subtask 1.07**

**Scope:** Design, secure proper permit, construct bypass facilities, traffic control, dewatering and to construct/install a travelling water screen and related structures or appurtenances to the Herndon Canal at a location within the existing FID easement or ROW footprint upstream East of UPRR ROW. Design and technical specification of the travelling water screen shall conform to FID standard.

**Estimated Period of Performance:** During the non-irrigation season<sup>1</sup>

**Estimated value of this WORK:** \$500,000

### **2.2.8 Subtask 1.08**

**Scope:** AUTHORITY’S CONTRACTOR shall reimburse FID for all costs resulting from plan check review, permits, inspection, and testing (inspection & testing in an oversight Quality

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<sup>1</sup> An exception to the above construction window requirement can only occur by mutual agreement between Authority’s Contractor and FID.



Assurance capacity only). AUTHORITY'S CONTRACTOR is still responsible to provide Quality Assurance and Quality Control for design and construction through project completion and closeout.

**Estimated Period of Performance:** Duration of Project

**Estimated value of this WORK:** \$220,000

### 3 Project Schedule

Deadlines for the completion of Facility Work are provided for in the contract between the Authority and the Authority's Contractor.

#### 3.1 Schedule for Facility Work (This Task Order Only)

The Authority's Contractor shall complete the design work in accordance with the schedule specified in this Task Order. The Authority's Contractor shall commence construction work only after acceptance of the final design for such work in accordance with Appendix A – Design Build Procedures of the Cooperative Agreement. The Authority's Contractor must comply with or receive a written variance for applicable city and county laws, regulations, and ordinances including permitting, inspection processes, work hours regulations, traffic management plan, dust control and noise regulations.

<b>Design:</b>		<b>Construction:</b>	
<b>Start Date:</b>	June 2013	<b>Start Date:</b>	The permitted construction window is typically October 1 through February 22; however it is determined each year by FID Board of Directors based on hydrologic conditions. An exception to the above construction window requirement can only occur by mutual agreement between Authority's Contractor and FID.
<b>Completion Date:</b>	December 2013	<b>Completion Date:</b>	February 2017

### 4 Performance of Work

#### 4.1 Design

The design furnished by the Authority's Contractor pursuant to this Task Order shall be substantially in accordance with the Proposed Preliminary Design (see Appendix A – Design



Build Procedures of the Cooperative Agreement) and shall be consistent with 30% design submittal of the HST Project plans. All plans for Facility Work are subject to review by the Authority, FID, and the Authority's Contractor, in accordance with the time frames and procedures set forth in Appendix A – Design Build Procedures of the Cooperative Agreement.

**By FID:** FID will review Facility plans and be entitled to have a reasonable number of representatives on site of HST Project to verify Facility Work is being properly performed by the Authority's Contractor.

**BY Authority's Contractor:** The Authority's Contractor performs all design and construction services for Facility Work.

## 4.2 Construction

The Authority's Contractor will perform all the construction services for the Facility Work. The construction of Facility Work shall be performed substantially in accordance with the final Facility plans. Deviations from the final Facility plans may occur only in conformity with the Cooperative Agreement.

## 5 Liability For Work

In accordance with section 3, "Liability for Work," of the Cooperative Agreement, FID and the Authority shall each be responsible for the cost of Facility Work as specified herein.

The total estimated cost for Facility Work

is: \$5,698,478

### 5.1 Cost Allocation

To be determined by Prior Rights.

## 6 Cost Estimate

The amounts stated herein are estimates of the costs associated with Facility Work. Authorized expenditures and reimbursements will be based on the terms of the Cooperative Agreement.

### 6.1 For Work by FID

FID's costs for Facility Work shall be developed pursuant to section 5, "Payment of Work," of the Cooperative Agreement, and shall be performed in accordance with the procedures set forth in section 4, "Performance of Work" and Appendix A – Design Build Procedures of this Cooperative Agreement.

### 6.2 For Work by Authority's Contractor

The Authority has prepared an initial cost estimate in the amount of \$5,698,478 for Facility Work included in this Task Order.

The Authority's Contractor shall prepare an independent cost estimate for Facility Work which shall be submitted for the Authority's approval. Such estimate will reflect appropriate estimated



charges for Betterment and salvage value, if any. Upon approval, the parties shall revise this Task Order to incorporate the approved estimate.

## **7 Betterment, Accrued Depreciation, Salvage**

FID shall credit the Authority for the actual cost of any Betterment, salvage value, and accrued depreciation on the Facilities as required pursuant to the Cooperative Agreement, and pay the the Authority's Contractor for the actual cost of any Betterment constructed by the Authority's Contractor.

Facility Work in this Task Order does not include any Betterment.

## **8 Billing and Payment**

Billing and payment shall be in accordance with section 5, "Payment for Work," of the Cooperative Agreement.

## **9 Contacts**

The contacts for this Task Order will be as follows:

Local Agency:

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Authority:

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Authority's Contractor:

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